Index of Claims



Application No.

09/846,512

Examiner

MISOOK YU, Ph.D.

Applicant(s)

MEYERS ET AL.

Art Unit

1642

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(Through numeral)
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| Cla  | aim                              |  | [       | Date           |  |             |     | Cla   | ıim              |            |  | Date                |                        |               |                | Cla   | aim        |                     |               | Dat      | е               |                 |          |           |
|--|----------------------------------|--|---------|----------------|--|-------------|-----|-------|------------------|------------|--|---------------------|------------------------|---------------|----------------|-------|------------|---------------------|---------------|----------|-----------------|-----------------|----------|-----------|
|  | <u>a</u>                         |  |         |                |  | 1           |     |       | ā                |            |  |                     |                        |               |                |       | <u>8</u>   |                     |               |          |                 |                 |          |           |
| Final  | Original                         | 5/7/04   |         |                |  |             |     | Final | Original         | 5/7/04     |  |                     |                        |               | - 2            | Final | Original   |                     |               |          |                 |                 |          |           |
| 证  | Ä                                | 2/   |         |                |  |             |     | iI.   | Ö                | 5/2        |  |                     |                        |               |                | ΙŒ    | Öriç       | 1 1                 |               |          |                 |                 |          |           |
|  |                                  |  |         |                |  |             |     |       |                  |            |  | $\rightarrow$       |                        |               |                |       |            | -                   |               |          |                 | _               |          | _         |
| <u> </u>   | 1                                |  |         |                | $\bot$   |             |     |       | 5)<br>52         | l_         |  | ++                  |                        |               | 7              |       | 101        | $\rightarrow$       |               | <b>-</b> |                 | $\rightarrow$   | _        | _         |
|  | 4                                |  |         |                | $\perp \perp$                                    | _           | -   |       | 52               | ┞          |  |                     | $\dashv$               |               |                |       | 102        | $\dashv$            | _             | -        | Ш               | _               |          | _         |
|  | 3                                | <b> </b>   |         |                | +  |             |     |       | 58               | L.         |  |                     | +                      |               | <u> </u>       |       | 103        | $\dashv$            |               | _        | Ш               | _               | -        | _         |
| ļ  | 1                                |  |         |                | +  | _           |     |       | 54               | V          |  | ++                  | +                      |               | \$             |       | 104        | $\rightarrow$       | +             | _        | Н               | _               | +        | _         |
| ļ  | 4                                |  |         | <del></del>    | +  | -           | -   |       | 55               | √,         |  |                     | +                      | _             |                |       | 105        | -1                  | -             | -        | H               | -               |          |           |
|  | 6 <u> </u><br>  7a               |  | _       | $\vdash$       | +  | - :         |     |       | 56<br>57         | V          | -++  | ++                  |                        |               | \$ -<br>\$ - 1 |       | 106<br>107 |                     |               | +        | H               | $\dashv$        | +        | -         |
|  | 8                                | <del>     </del>                                 |         |                | +  | -           |     |       | 5/<br>5 <b>8</b> | V          |  |                     |                        |               | 3<br>: 4:      |       | 107        | +                   | +             | -        | Н               | $\rightarrow$   | +        | $\dashv$  |
|  | 9                                |  |         |                |  |             | 1   |       | <u>ად</u><br>59  |            |  |                     | -+}                    |               | 9-4            |       | 108        | -                   | -             |          | H               | -               | <u>-</u> | _         |
| }  | 10                               | $\vdash$   | +       | $\vdash$       | ++   |             |     |       | 60               | √<br>√     | -++  | +                   | +                      | +             |                |       | 110        |                     | -             | +        | Н               | _               |          | -         |
|  | 1                                | <del>                                     </del> | +       | $\vdash\vdash$ | +  |             |     | -     | 61               |            |  | ++                  | +                      |               |                |       | 111        | -1-1                | $\dashv$      | +        | Н               | +               | $\dashv$ | $\dashv$  |
| -  | 12                               | <del>                                     </del> | +       |                | + + +  | -           | -   |       | 62               |            |  | ++                  | ++                     |               |                |       | 112        | +                   | +             | +        | $\vdash$        |                 | $\dashv$ | $\dashv$  |
|  | 13                               |  |         | $\vdash$       | + + +  | -           | 1   |       | 63               | <b>√</b>   |  | ++                  | +-+                    |               |                |       | 113        | +                   | +             | +        | $\vdash$        |                 | $\dashv$ | $\dashv$  |
| $\vdash$   | 14                               |  | +       | $\vdash$       | +++  | -1          | -   |       | 64               | <b>├</b> ~ | <del></del>                                      | ++                  | +                      |               | 11.3<br>12.5   |       | 114        | $\dashv$            |               | +        | Н               | $\dashv$        | +        | $\dashv$  |
|  | 15                               | <del>├</del>                                     |         |                | +-+-+  |             | W   |       | 65               | √          |  | ++                  | +                      |               |                |       | 115        | +                   | +             | +        | <del>  </del>   |                 | $\dashv$ | $\dashv$  |
|  | 16                               | <del>  -   -  </del>                             |         |                | +++  | $\dashv$    | 1   |       | 66               | √          | <del>                                     </del> | +++                 | +-+                    |               |                |       | 116        | ++                  |               | +        | Н               |                 | +        | $\dashv$  |
| <del>                                     </del> | 17                               | 111  |         |                | ++-  | 3           |     |       | 67               | √<br>√     |  | ++                  | +                      |               |                |       | 117        | +                   |               | +-       | $\vdash$        | -               | +        | $\dashv$  |
|  | 18                               | <del>   </del>                                   |         |                | +  | -3          | -   |       | 68               | √<br>√     | +  | +                   | +                      |               |                |       | 118        |                     |               | +        | Н               | _               | $\dashv$ | $\dashv$  |
|  | 19                               | <b> </b>   |         |                | <del>   </del>                                   | -           | -   |       | 69               | V          |  | +-+                 |                        | -             | 35             |       | 119        |                     | -             | +        | Н               | $\dashv$        | $\dashv$ | -         |
| -  | 20                               |  | +       |                | ++++   |             | ŀ   |       | 70               | V          |  | ++                  | +                      |               |                | -     | 120        | +                   |               | +        | +               | $\dashv$        | +        | $\dashv$  |
| -  | 2                                |  | +       |                | +++  |             | 1   |       | 71               | V          |  | 11                  | ++                     |               |                |       | 121        |                     | -             | 1        | Н               |                 | +        | ᅱ         |
|  | 22                               | <del>   </del>                                   | +       | $\vdash$       | +++  |             | 1   |       | 72               | √          |  | +                   | +                      |               | -3             |       | 122        | ++                  |               | +        | $\vdash$        |                 | +        | $\dashv$  |
| <u> </u>   | 23                               |  | $\top$  |                | 1 1 1  | - 6         | 1   |       | 73               | V          |  | <del></del>         | +                      |               |                |       | 123        | $\pm$               | 1             | +        | $\vdash$        | _               | +        | $\dashv$  |
|  | 24                               |  | _       |                |  |             | -5  |       | 74               | V          |  |                     | +                      |               | 110            |       | 124        | $\pm$               |               | +        | $\Box$          | $\dashv$        | $\pm$    | $\dashv$  |
|  | 25                               |  | -       |                |  | <b>—</b> [: |     |       | 75               | V          |  | -                   | +                      |               |                |       | 125        |                     | $\dashv$      | +        |                 |                 | +        | ┨         |
|  | 26                               |  |         |                | $\Box$   |             |     |       | 76               | V          |  | 11                  |                        |               | 1 10           |       | 126        |                     | -             | +        | $\Box$          | $\dashv$        | $\dashv$ | ᅥ         |
|  | 27                               |  |         |                |  | _           | ्रो |       | 77               | V          |  |                     | 11                     |               | 1141           |       | 127        |                     |               | 1        |                 |                 | $\neg$   | ヿ         |
|  | 28                               |  |         |                | 1-1-1  |             | 1   |       | 78               | V          |  |                     | $\neg \vdash \uparrow$ |               |                |       | 128        |                     |               | 十        |                 | _               | $\neg$   | $\dashv$  |
|  | 29                               |  |         |                |  | _           | 1   |       | 79               | V          |  |                     |                        |               |                |       | 129        |                     |               | 1        |                 | $\neg$ †        | 十        | T         |
|  | 30                               |  |         |                |  |             | Ī   |       | 80               | V          |  | $\top$              |                        |               | 13             |       | 130        |                     |               |          |                 | $\neg$          | $\top$   | ヿ         |
|  | 31                               |  |         |                |  |             |     |       | 81               | V          |  |                     |                        |               |                |       | 131        |                     |               | 1        |                 |                 |          | $\exists$ |
|  | 32                               |  |         |                |  |             |     |       | 82               | Ż          |  |                     | $\top$                 |               | \$3            |       | 132        | $\neg$              |               | 1        |                 |                 | 十        | ٦         |
|  | 33                               |  |         |                |  |             |     |       | 83               |            |  |                     |                        |               | 41             |       | 133        |                     |               |          |                 | $\neg \uparrow$ | $\top$   | ٦         |
|  | 34                               |  |         |                |  |             |     |       | 84               |            |  |                     |                        |               | H              |       | 134        |                     |               |          |                 |                 |          | ╗         |
|  | 35                               |  |         |                |  |             | 4   |       | 85               | L          |  |                     |                        |               | 44 M           |       | 135        |                     |               |          |                 |                 |          | 7         |
|  | 36                               |  |         |                | $\Box\Box$                                       | -           |     | ]     | 86               |            |  |                     |                        |               |                |       | 136        |                     | $oxed{oxed}$  |          |                 | J               |          |           |
|  | 37                               |  |         |                | $oxed{oxed}$                                     |             |     |       | 87               |            |  |                     |                        |               |                |       | 137        |                     | $\mathbf{I}$  |          |                 | $\Box$          |          |           |
|  | 3 <b>6</b><br>39                 | $\sqcup \sqcup \bot$                             | $\bot$  |                | $\Box$   |             | 900 |       | 88               | L          |  |                     |                        |               |                |       | 138        |                     | $\Box \Gamma$ |          |                 |                 |          |           |
| ļ  | 39                               | $\Box$   | $\perp$ |                |  |             |     |       | 89               |            |  |                     |                        |               |                |       | 139        |                     |               |          | $\Box$          |                 |          |           |
|  | 40<br>41<br>42<br>48<br>44<br>45 |  | $\perp$ |                | $\bot \bot \bot$                                 |             |     |       | 90               | L          |  | $\perp \perp \perp$ | $oldsymbol{\perp}$     |               |                |       | 140        |                     |               |          | Ш               | $\Box$          | $\perp$  |           |
|  | 41                               |  |         | _              | $\bot$   |             |     |       | 91               |            |  | $\perp$             | $\perp \perp$          | $\perp$       |                |       | 141        |                     |               | 1        | $\square$       | [               |          |           |
|  | 42                               | _  | $\perp$ | ot             | $\perp \perp \mid$                               |             |     |       | 92               | <u> </u>   |  |                     | $\bot \bot$            | $\perp \perp$ | 5              |       | 142        |                     | $\perp$       |          | $oxed{oxed}$    |                 | $\bot$   |           |
|  | 48                               |  | $\perp$ |                | +  |             | 1   |       | 93               | <u> </u>   |  | $\perp \perp$       | $\perp \perp$          | Щ             | 1.0            |       | 143        | _                   |               |          | Ш               | _               | $\perp$  |           |
| ļ  | 41                               | $\sqcup \sqcup$                                  |         |                | +  | _           |     |       | 94               | <u> </u>   | $\sqcup \bot$                                    | ++                  |                        | _ _           |                |       | 144        | $\dashv \perp$      |               | 1        | Ш               | _               | $\perp$  |           |
| ļ  | 45                               |  |         | _ _            | <del>                                     </del> |             |     |       | 95               |            | $\Box$   | $\bot\bot$          | +                      | $\perp$       |                |       | 145        |                     |               | 1        |                 | $\dashv$        |          | _         |
|  | 46                               | $\sqcup \sqcup$                                  | 4       | -              | +-+-+  |             | -,- |       | 96               | L          | +  | ++                  | ++                     | +             |                |       | 146        |                     | $\perp$       | -        | $\sqcup$        | _               | _        | _         |
|  | 44                               | $\vdash$   | +       |                | ++   |             | -   |       | 97               | ļ          | -++  | ++                  | +                      |               |                |       | 147        | +                   | 4             | 4        | $\square$       | _               | $\bot$   | 4         |
|  | 48<br>49                         | $\vdash$   | +       | -              | <del>     </del>                                 | -           | 70  |       | 98               | <u> </u>   | +  |                     | +                      | +             | - 1            |       | 148        | $\dashv \downarrow$ |               | $\perp$  | $\sqcup$        | -1              | $\dashv$ | 4         |
|  | 50                               | <del>-   -  </del>                               | +       | $\vdash$       | ╁╼┼╾┤  |             | 1   |       | 99               |            | +  |                     | +                      | +             |                |       | 149        |                     | +             |          | $\vdash \vdash$ | $\dashv$        | +        | 4         |
| Ц  | or i                             | لللا   |         |                | $\perp \perp$                                    |             |     |       | 100              | L          |  |                     |                        | لــلـــ       |                |       | 150        |                     |               |          | Ш               |                 |          | - [       |